

## EoC Controller 32/2 B

Art. Number 383104



### EoC controller (32/2 B)

The EoC controller is used as the main unit to control up to 32 endpoints in an EoC system. The controller acts as both an L2 switch for ethernet and as a media converter from ethernet to coax and back to ethernet, allowing both TV and data signals to use the same coax cable. Provided that G.hn and TV signals are controlled within the frequency ranges mentioned below.

#### Main features

- G.hn for data on 1...200 MHz
- TV on 300...862 MHz
- 4x ethernet port
- Combining up to 32 EP's on same COAX
- 2x coax EoC out ports, supports port bundling
- 1x coax TV in port
- Supports VLAN tagging
- Status LED's + reset button on front

## Technical Specifications

### ORDER INFORMATION

EAN Number 5702663831049

### CHARACTERISTICS

Traffic Management	<p><strong>VLAN</strong>:
Crosstalk TV IN - EoC OUT   dB	> 51 (@200MHz) dB
Input level   dBμV	< 115 (TV) dBμV
Output level   dBμV	100 (G.hn) dBμV

### FREQUENCY RANGE

Frequency Range G.hn   MHz	2...200 MHz
Frequency Range TV   MHz	300...862 MHz

### LOSS



## Technical Specifications

Through Loss TV/EoC IN - TV/EoC OUT   dB	< 4 (300...862MHz) dB
Through Loss EoC OUT - EoC Ana. Frontend   dB	< 4.5 (@2...200MHz) dB

### RETURN LOSS

Return Loss EoC OUT   dB	> 10 dB
Return Loss OUT   dB	> 10 dB
Return Loss TV   dB	> 10 dB

### ELECTRICAL

Impedance   $\Omega$	75 $\Omega$
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### OPERATIONAL

Ethernet Interface	10/100/1000
G.hn Standard	G.hn Wave 2 ITU-T G.9960 / ITU-T G.9963 (G.hn PHY) G.9962 (MAC & DLL)
AC Supply voltage   VAC	230 @50Hz 0.06A VAC
Power Consumption (typ.)   W	10...14 W
PSU/adapter INFO	Included Euro Plug (CEE 7/17)
Temperature - operating   °C	0...50 °C
Humidity - operating   %	5...95 %

### CONNECTORS

Connector LAN	RJ45 female
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### MECHANICAL

Dimensions product (H x D x W)   mm	45x220x430 mm
Packing QTY	1
Packaging Height   m	0.073 m
Packaging Width   m	0.463 m
Packaging Depth   m	0.245 m
Packaging Volume   m <sup>3</sup>	0.008 m <sup>3</sup>
Net Weight   kg	4.024 kg
Tara Weight   kg	0.263 kg
Total Weight   kg	4.287 kg